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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/912,974	07/25/2001	Michael A. Koptiw JR.	2000-0453	6541

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AT&T CORP.
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EXAMINER

UBILES, MARIE C

ART UNIT	PAPER NUMBER
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2642

DATE MAILED: 07/28/2004

9

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/912,974

Applicant(s)

KOPTIW ET AL.

Examiner

Marie C. Ubiles

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 May 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 3,4,8,10 and 11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 3,4,8,10 and 11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>2</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION***Claim Rejections - 35 USC § 103***

Applicant's amendment filed on May 14, 2004 has been entered. Claims 3, 4, 8 and 10 have been amended. Claims 1-2, 5-7, 9 and 12 have been cancelled. No claims have been added. Claims 3,4, 8 and 10-11 are still pending in this application, with claims 3, 4, 8 and 10 being independent. The indicated allowability of claims 3-4, 8 and 10-11 is withdrawn in view of the new rejections below.

Claim Rejections - 35 USC § 103

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 3, 4, 8, 10 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lin et al. (US 5,999,610).

In regards to claim 3, Lin et al. discloses a method for managing multiple communications between a control point (or *MP 200*, See *Fig. 4*) and a plurality of network elements (or *SCPs 406-410 and SSP 104*, See *Fig. 4*) in a telecommunications network (See *Abstract, lines 1-2*), comprising; receiving at a Service Interaction Media (SIM) device (or *FI Manager 314*, See *Fig. 4*) call information associated with a call at one of said network elements (See *Col. 5, lines 37-38*), deriving at the SIM device a service code (as read on "information [from the SSP] must be processed by the FIM 314")(See *Col. 5, lines 39-41*), formulating a service session with the one network element based on the service

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code (*See Col. 5, lines 43-51*), controlling operation of the one network element (*See Col. 5, lines 47-50*).

While not directly discussed as part of the discussed embodiment, Lin et al. teaches that the AIN is applicable to all telecommunications networks including ISDN and that data packets information are sent between the SSP and SCP utilizing SS7 (*See Background, Col. 1, lines 20-25 and Col. 2, lines 10-15*). Thus, it would have been obvious (if not inherent) to one of ordinary skill to use data packets in Lin's et al. system and method to provide for interworking between two different network protocols (or SS7 and ISDN, as taught) in plural network elements (as may be read on the data packets information being between the SCP and SSP).

In reference to the call information being sent through an out-of-band signaling, this function is inherent of Advanced Intelligent Networks (AIN).

Claim 4 and 8 are rejected for the same reasons as claim 3. In regard to the limitation in claim 8 specifying, "wherein said formulating includes the service session with plural network elements, and accessing the network elements in parallel", Lin et al. teaches "...if a represents a feature serviced by one SCP and B another feature serviced by another SCP, three different outcomes are possible...or (iii) simultaneously." (*See Background, Col. 3, lines 1-5*).

It would have been obvious to one of ordinary skill in the art to use the teachings of Lin et al. regarding the simultaneous querying of SCPs in order to

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provide with an AIN in which different services to be triggered may reside on more than one SCP.

All limitations in claim 10, but “wherein said deriving the service code includes classifying the call information” are rejected for the same reasons as claim 3. In regards to the aforementioned limitation; Lin et al. discloses the classification of call information in Col. 7, lines 11-17). The limitation specifying “wherein the service code comprises a service interaction scenario”; the broadly claimed “scenario” reads on any service taught by Lin et al.

As claimed by applicant on claim 11, the “service code” (or *service category*) is “based on features of the call information selected from the group consisting of screening (or *screening services*), routing (or *routing services*), translations (or *number translation services*), authorization and user-network interaction (as read on “screening services may require that parties to these calls be able to enter additional digits”), and recording (or *call logging services*)(See Col. 7, lines 5-65).

In reference to “call information selected from internet services”; the Examiner takes Official Notice. It is well known in the art that AIN elements, such as SCP, may determine if a call is to be routed to an Internet carrier.

Response to Arguments

2. Applicant's arguments with respect to claim 1-12 have been considered but are moot in view of the new ground(s) of rejection.

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Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marie C. Ubiles whose telephone number is (703) 305-0684. The examiner can normally be reached on 8am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Marie C. Ubiles
July 19, 2004.


AHMAD MATAR
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600